

Daily Report Cruise 5

October 12, 2010

This is the fifth cruise of the MC252 Deep water sediment sampling program, R/V Gyre. Five stations were sampled (D007S, D008S, D013S, D003S, D006S) one cast per station. Weather was favorable, 1-2 foot swells and a light breeze.

Station 1

1. Station ID: D007S
2. Average Lat: 28.086583
Average Lon: -88.516989
3. Depth: 2101.80
4. Time Corer Deployed: 23:31
Time Corer Recovered: 0:14
Time Corer on Deck: 1:03
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was clear and easy to filter.
8. LBNL samples:

Core number: GT0086

Sample ID	Sample Type	Volume	Storage
SE-20101012-GY-D007S-BC-249	Intact Core	NA	-80C
SU-20101012-GY-D007S-BC-250	AODC	20ml	4C
SU-20101012-GY-D007S-BC-251	DNA Filter	900ml	-80C
SU-20101012-GY-D007S-BC-252	DNA Filter	900ml	-80C

Station 2

1. Station ID: D008S
2. Average Lat: 27.887417
Average Lon: -88.626806

Daily Report Cruise 5

October 12, 2010

3. Depth: 1606.30
4. Time Corer Deployed: 3:19
Time Corer Recovered: 4:01
Time Corer on Deck: 4:45
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.
8. LBNL samples:

Core number: GT0088

Sample ID	Sample Type	Volume	Storage
SE-20101012-GY-D008S-BC-253	Intact Core	NA	-80C
SU-20101012-GY-D008S-BC-254	AODC	20ml	4C
SU-20101012-GY-D008S-BC-255	DNA Filter	600ml	-80C
SU-20101012-GY-D008S-BC-256	DNA Filter	600ml	-80C

Station 3

1. Station ID: D013S
2. Average Lat: 27.654381
Average Lon: -88.637922
3. Depth: 1766.00
4. Time Corer Deployed: 7:32
Time Corer Recovered: 8:08
Time Corer on Deck: 8:48
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was clear and easy to filter.

Daily Report Cruise 5

October 12, 2010

8. LBNL samples:

Core number: GT0085

Sample ID	Sample Type	Volume	Storage
SE-20101012-GY-D013S-BC-257	Intact Core	NA	-80C
SU-20101012-GY-D013S-BC-258	AODC	20ml	4C
SU-20101012-GY-D013S-BC-259	DNA Filter	1060ml	-80C
SU-20101012-GY-D013S-BC-260	DNA Filter	1000ml	-80C

Station 4

1. Station ID: D003S
2. Average Lat: 28.116710
Average Lon: -88.071789
3. Depth: 2286.00
4. Time Corer Deployed: 15:14
Time Corer Recovered: 16:43
Time Corer on Deck: 17:53
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was murky filters clogged quickly.
8. LBNL samples:

Core number: GT0091

Sample ID	Sample Type	Volume	Storage
SE-20101012-GY-D003S-BC-261	Intact Core	NA	-80C
SU-20101012-GY-D003S-BC-262	AODC	20ml	4C
SU-20101012-GY-D003S-	DNA Filter	700ml	-80C

Daily Report Cruise 5

October 12, 2010

BC-263			
SU-20101012-GY-D003S-BC-264	DNA Filter	700ml	-80C

Station 5

1. Station ID: D006S
2. Average Lat: 28.343094
Average Lon: -88.139742
3. Depth: 2127.00
4. Time Corer Deployed: 19:43
Time Corer Recovered: 20:27
Time Corer on Deck: 21:15
5. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship – Site ID – Analysis Type – Unique Identifier

6. LBNL Sampling Team: Julian Fortney
7. Location Notes: 1 cast attempted. Overlaying water was clear and easy to filter.
8. LBNL samples:

Core number: GT0089

Sample ID	Sample Type	Volume	Storage
SE-20101012-GY-D006S-BC-265	Intact Core	NA	-80C
SU-20101012-GY-D006S-BC-266	AODC	20ml	4C
SU-20101012-GY-D006S-BC-267	DNA Filter	600ml	-80C
SU-20101012-GY-D006S-BC-268	DNA Filter	600ml	-80C